

PLUS Search Results for S/N 10729017, Searched June 17, 2005

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5471019
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5844176
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5432857
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 abstract 1
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 acoustic 8
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 additionally 1
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 alternatively 2
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 analysis 1
 and 31
 another 3
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 applications 2
 are 12
 areas 2
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 as 7
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 audio 14
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 bass 6
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 below 3
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 characterize 1
 choice 1
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 common 1
 commonly 2
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 company 1
 competitive 1
 completely 1
 complications 1
 components 1

compound 1
computer 1
computers 2
concluded 1
configuration 1
configured 2
conjunction 2
connected 1
consistent 1
consisting 1
constraints 1
consumers 1
contains 1
contempore 1
content 1
continually 1
continuously 4
conventional 1
cost 3
couple 1
course 1
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created 2
creating 1
creation 1
cylinddcal 2
cylinder 2
cylindrical 5
cymbals 1
deliver 1
description 4
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designed 1
desip 1
desir 1
desirable 1
desired 1
desiring 1
desirs 3
detailed 2
devoted 1
diagrams 2
diapams 1
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dimension 11
dimensions 2
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disclosure 1
discovered 2
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drawings 2
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drivers 2
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effective 1
electronic 1

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externally 3
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featly 1
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fidelity 2
field 2
figure 3
figures 4
first 6
for 8
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forth 1
found 1
founded 1
fowths 1
frequencies 2
frequency 6
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further 1
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gom 2
gradually 1
had 1

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having 2
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high 4
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identified 1
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implement 1
implementation 2
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implementing 1
improve 1
improved 1
in 11
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include 3
includes 4
increased 2
industry 1
information 6
innovative 2
inside 2
instrumentation 1
instruments 5
intemal 1
internal 2
into 6
invention 4
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jensen 1
keep 1
kick 1
known 1
leads 1
led 1
like 2
limited 1
listener 1
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modified 1
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mother 1
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not 2
notebook 1
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page 5
parallel 2
parameters 1
particularly 1
parts 1
patent 2
percussion 3
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physician 1
pioneer 1
pipe 3
plots 1
popular 1
port 20
ported 13
portion 1
ports 1
positioned 1
price 1
primary 18
produce 3
produced 5

product 2
products 3
provide 1
purpose 1
quality 1
range 6
ransition 1
rapid 1
reacts 1
reduced 1
reference 1
referred 1
reflex 6
reinforce 2
related 1
relates 2
rely 1
remove 1
reproduced 1
reproduction 1
requency 1
research 2
resonant 1
resonating 2
resonator 6
respected 1
response 12
results 1
reviewing 1
richard 1
scientists 1
search 1
section 2
seen 1
selected 1
set 1
share 1
short 1
should 1
side 2
similar 1
single 2
sllmmarv 1
small 5
society 1
solution 2
solutions 2
some 1
soocsgbhgbh 1
sought 1
sound 2
speaker 57
speakers 1
specifications 1
springiness 1
standard 1
standards 1
stringed 1
strive 1
styles 1
substantially 1
successful 2
such 7

system 2
systems 1
taken 1
tapers 1
tech 1
televisions 1
testing 1
that 17
the 120
theater 2
theories 1
theory 1
these 3
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this 2
throughout 1
thus 1
tllrough 1
to 45
today 1
tone 2
towards 1
transition 7
transitions 1
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tube 7
tuned 1
two 1
type 2
typically 3
used 5
utilized 1
variations 3
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vary 2
vent 2
vented 1
view 2
volume 1
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walls 1
was 2
well 1
when 2
where 2
wherein 1
which 2
will 1
wind 1
with 4
without 2
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years 1

10729017_CLSTITLES
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10729017 on June 17, 2005

| | | |
|----|-------------|---|
| 23 | 181/156 | (8 OR, 15 XR) |
| | Class 181 : | ACOUSTICS |
| | 181/148 | DIAPHRAGM AND ENCLOSURE |
| | 181/156 | .Reflex baffle |
| 11 | 181/199 | (1 OR, 10 XR) |
| | Class 181 : | ACOUSTICS |
| | 181/175 | SOUND-MODIFYING MEANS |
| | 181/198 | .Housing or enclosure (e.g., sound confining and absorbing) |
| | 181/199 | ..Speaker type |
| 9 | 381/349 | (2 OR, 7 XR) |
| | Class 381 : | ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES |
| | 381/150 | ELECTRO-ACOUSTIC AUDIO TRANSDUCER |
| | 381/337 | .Having acoustic wave modifying structure |
| | 381/345 | ..Acoustic enclosure |
| | 381/349 | ...Bass reflex (e.g., rear wave) |
| 8 | 181/144 | (0 OR, 8 XR) |
| | Class 181 : | ACOUSTICS |
| | 181/144 | PLURAL DIAPHRAGM SOUND SOURCES |
| 8 | 381/345 | (2 OR, 6 XR) |
| | Class 381 : | ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES |
| | 381/150 | ELECTRO-ACOUSTIC AUDIO TRANSDUCER |
| | 381/337 | .Having acoustic wave modifying structure |
| | 381/345 | ..Acoustic enclosure |
| 6 | 381/350 | (3 OR, 3 XR) |
| | Class 381 : | ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES |
| | 381/150 | ELECTRO-ACOUSTIC AUDIO TRANSDUCER |
| | 381/337 | .Having acoustic wave modifying structure |
| | 381/345 | ..Acoustic enclosure |
| | 381/350 | ...Front wave |
| 5 | 181/145 | (2 OR, 3 XR) |
| | Class 181 : | ACOUSTICS |
| | 181/144 | PLURAL DIAPHRAGM SOUND SOURCES |
| | 181/145 | .Plural chambers |
| 5 | 181/150 | (0 OR, 5 XR) |
| | Class 181 : | ACOUSTICS |
| | 181/148 | DIAPHRAGM AND ENCLOSURE |
| | 181/150 | .Recessed (e.g., wall-mounted, etc.) |
| 5 | 181/155 | (1 OR, 4 XR) |
| | Class 181 : | ACOUSTICS |
| | 181/148 | DIAPHRAGM AND ENCLOSURE |
| | 181/155 | .Reflector baffle |
| 5 | 381/335 | (0 OR, 5 XR) |
| | Class 381 : | ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES |
| | 381/87 | HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING) |

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- 381/332 .And loudspeaker
381/335 ..Plural diaphragms, compartments, or housings
- 5 381/338 (2 OR, 3 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/337 .Having acoustic wave modifying structure
381/338 ..With tubular waveguide or resonant element
- 5 381/351 (0 OR, 5 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/337 .Having acoustic wave modifying structure
381/345 ..Acoustic enclosure
381/351 ...Plural chambers
- 4 181/148 (1 OR, 3 XR)
Class 181 : ACOUSTICS
181/148 DIAPHRAGM AND ENCLOSURE
- 4 181/151 (1 OR, 3 XR)
Class 181 : ACOUSTICS
181/148 DIAPHRAGM AND ENCLOSURE
181/151 .With sound-absorbing means
- 4 181/153 (0 OR, 4 XR)
Class 181 : ACOUSTICS
181/148 DIAPHRAGM AND ENCLOSURE
181/153 .Rounded enclosure (e.g., curved, etc.)
- 4 181/154 (0 OR, 4 XR)
Class 181 : ACOUSTICS
181/148 DIAPHRAGM AND ENCLOSURE
181/154 .Inclined diaphragm
- 4 381/386 (3 OR, 1 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
381/386 .Mounting or support feature of housed
loudspeaker
- 3 181/146 (1 OR, 2 XR)
Class 181 : ACOUSTICS
181/144 PLURAL DIAPHRAGM SOUND SOURCES
181/146 .With sound-asborbing means
- 3 181/152 (3 OR, 0 XR)
Class 181 : ACOUSTICS
181/148 DIAPHRAGM AND ENCLOSURE
181/152 .With horn
- 3 181/160 (1 OR, 2 XR)
Class 181 : ACOUSTICS
181/157 DIAPHRAGM
181/160 .With resonant chamber
- 3 181/163 (0 OR, 3 XR)
Class 181 : ACOUSTICS
181/157 DIAPHRAGM

- 181/163 .Plural dependent diaphragms
- 3 181/206 (2 OR, 1 XR)
 Class 181 : ACOUSTICS
 181/175 SOUND-MODIFYING MEANS
 181/206 .By wave interference
- 3 381/336 (0 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 381/332 .And loudspeaker
 381/336 ..Curved or angled housing
- 3 381/71.5 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/71.1 ACOUSTICAL NOISE OR SOUND CANCELLATION
 381/71.5 .Within duct
- 3 381/71.7 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/71.1 ACOUSTICAL NOISE OR SOUND CANCELLATION
 381/71.7 .Particular transducer or enclosure structure
- 3 381/89 (1 OR, 2 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 381/89 .Loudspeakers driven in given phase
 relationship
- 3 381/91 (0 OR, 3 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 381/91 .Having microphone
- 3 381/96 (2 OR, 1 XR)
 Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
 AND DEVICES
 381/96 LOUDSPEAKER FEEDBACK
- 2 181/141 (1 OR, 1 XR)
 Class 181 : ACOUSTICS
 181/141 COMBINED
- 2 181/159 (0 OR, 2 XR)
 Class 181 : ACOUSTICS
 181/157 DIAPHRAGM
 181/159 .with horn
- 2 181/196 (0 OR, 2 XR)
 Class 181 : ACOUSTICS
 181/175 SOUND-MODIFYING MEANS
 181/196 .Within tubular means
- 2 181/296 (0 OR, 2 XR)

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- Class 181 : ACOUSTICS
 - 181/175 SOUND-MODIFYING MEANS
 - 181/296 .Methods
- 2 381/300 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/1 BINAURAL AND STEREOPHONIC
 - 381/300 .Stereo speaker arrangement
- 2 381/306 (2 OR, 0 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/1 BINAURAL AND STEREOPHONIC
 - 381/300 .Stereo speaker arrangement
 - 381/306 ..With image presentation means
- 2 381/333 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/87 HAVING NON-ELECTRICAL FEATURE (E.G., MOUNTING)
 - 381/332 .And loudspeaker
 - 381/333 ..With furniture, clothing, or image presentation means
- 2 381/341 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/339 ..Sound intensifying or spreading element
 - 381/340 ...Horn
 - 381/341Inverted, folded, or curled
- 2 381/352 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/345 ..Acoustic enclosure
 - 381/352 ...Having internal wave reflecting means
- 2 381/354 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/337 .Having acoustic wave modifying structure
 - 381/354 ..Absorbing or attenuating element
- 2 381/361 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/355 .Housed microphone
 - 381/361 ..Mounting or support
- 2 381/388 (0 OR, 2 XR)
 - Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES
 - 381/150 ELECTRO-ACOUSTIC AUDIO TRANSDUCER
 - 381/386 .Mounting or support feature of housed loudspeaker

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381/388 ..With furniture, clothing, or image display
2 381/86 (0 OR, 2 XR)
Class 381 : ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS
AND DEVICES
381/86 VEHICLE

10729017_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10729017 on June 17, 2005

Original Classifications

8 181/156
3 181/152
3 381/350
3 381/386
2 181/145
2 181/206
2 381/306
2 381/338
2 381/345
2 381/349
2 381/96

Cross-Reference Classifications

15 181/156
10 181/199
8 181/144
7 381/349
6 381/345
5 181/150
5 381/335
5 381/351
4 181/153
4 181/154
4 181/155
3 181/145
3 181/148
3 181/151
3 181/163
3 381/336
3 381/338
3 381/350
3 381/91
2 181/146
2 181/159
2 181/160
2 181/196
2 181/296
2 381/300
2 381/333
2 381/341
2 381/352
2 381/354
2 381/361
2 381/388
2 381/71.5
2 381/71.7
2 381/86
2 381/89

Combined Classifications

23 181/156
11 181/199
9 381/349
8 181/144
8 381/345
6 381/350
5 181/145
5 181/150

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5 181/155
5 381/335
5 381/338
5 381/351
4 181/148
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4 181/154
4 381/386
3 181/146
3 181/152
3 181/160
3 181/163
3 181/206
3 381/336
3 381/71.5
3 381/71.7
3 381/89
3 381/91
3 381/96
2 181/141
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2 181/196
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